

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

JCWSCS 0 4 DEC 2003

PIETRAGALLO, BOSICK & GORDON

Attorneys at Law
One Oxford Centre, 38th Floor
301 Grant Street
Pittsburgh, PA 15219-6404
U.S.A.

Sender: Linda Paine, Docket Administrator/Paralegal to Benjamin T. Queen, II, Esq.
Direct Dial Telephone Number: (412) 263-4370
Direct Facsimile Number: (412) 261-0915

FACSIMILE TRANSMISSION COVER PAGE

DATE: December 3, 2003

RECIPIENT: Office of Initial Patent Examination-Filing Receipt Corrections/USPTO

RECIPIENTS' FACSIMILE NUMBER: 1-703-746-9195

FILE NO.: SEAG 61977 / SEAG-167 (STL 11282.00)

NUMBER OF PAGES, INCLUDING FACSIMILE COVER PAGE: 5

MESSAGE:

Dear Filing Receipt Corrections -

Please make the noted correction to the inside address information (i.e., "Pittsburg" should be "Pittsburgh") on the enclosed "Filing Receipt" for U.S. Patent Appln. No. 10/656,348, filed 09/05/2003. I understand a new "Filing Receipt" will be sent to Attorney Queen of this office.

Please do not hesitate to contact me directly if you require any additional information.

Linda Paine, Docket Administrator/IP Paralegal

Direct Dial: (412) 263-4370

E-mail: LLP@PBandG.com

Enclosures: -Copy of the original "Filing Receipt" issued by USPTO on 12/01/2003
-Copy of the "Utility Patent Application Transmittal" document as filed with the application on 09/05/2003
-Copy of the "Initial Information Data Sheet" document as filed with the application on 09/05/2003

cc: Carol I. Bordas, Esq.

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED, AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THE MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE, AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS, VIA THE U.S. POSTAL SERVICE. THANK YOU.

1690544



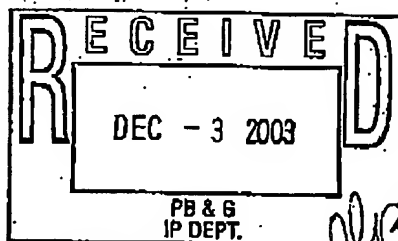
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/656,348	09/05/2003	1775	768	SEAG 61977	4	21	3

Benjamin T. Queen, II
Pietragallo Bosick & Gordon
One Oxford Centre, 38th Floor
301 Grant Street
Pittsburg, PA 15219

Pittsburg



CONFIRMATION NO. 7814

FILING RECEIPT



OC000000011379712



Date Mailed: 12/01/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Yukiko Kubota, Pittsburgh, PA;

Assignment For Published Patent Application

Seagate Technology LLC, Scotts Valley, CA;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 11/28/2003

Projected Publication Date: 03/10/2005

Non-Publication Request: No

Early Publication Request: No

Title

Dual seed layer for recording media

Preliminary Class

428

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

Date of Deposit: 09/05/2003

PTO/SB/05 (08-03)
Approved for use through 07/31/2006, OMB 0651-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	SEAG 61977
First Inventor	Yukiko Kubota
Title	DUAL SEED LAYER FOR
Express Mail Label No.	ET 793305514 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 12]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Sheets 1]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
name in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing or:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ Paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
37 CFR 3.73(b) Statement ☒ Power of
(when there is an assignee) Attorney
10. ☒ English Translation Document (if applicable)
11. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/PTO-1449 Citations
12. ☒ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
16. ☐ Other:
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner

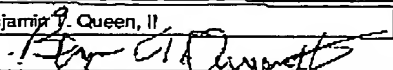
Art Unit:

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number: OR ☒ Correspondence address below

Name	Benjamin T. Queen, II				
Address	Pietragallo, Bosick & Gordon				
	One Oxford Centre, 38th Floor, 301 Grant Street				
City	Pittsburgh	State	PA	Zip Code	15219
Country	U.S.A.	Telephone	412-263-4360	Fax	412-261-0915

Name (Print/Type)	Benjamin T. Queen, II	Registration No. (Attorney/Agent)	41,260
Signature		Date	08/05/2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

* RECORDING MEDIA

- 1 -

Initial Information Data Sheet

Inventor Information

Inventor One Given Name:: Yukiko
Family Name:: Kubota
Postal Address Line One:: 5927 Howe Street
Postal Address Line Two:: Apt. 205
City:: Pittsburgh
State or Province:: PA
Postal or Zip Code:: 15232
Citizenship Country:: Japan

Assignee Information

Assignee Name:: Seagate Technology LLC
Postal Address Line One:: 920 Disc Drive
City:: Scotts Valley
State or Province:: CA
Postal or Zip Code:: 95066
State of Organization:: Delaware

Correspondence Information

Name Line One:: Benjamin T. Queen, II
Address Line One:: Pietragallo, Bosick & Gordon
Address Line Two:: One Oxford Centre, 38th Floor
Address Line Three:: 301 Grant Street
City:: Pittsburgh
State or Province:: PA
Postal or Zip Code:: 15219
Telephone:: (412) 263-4360
Fax:: (412) 261-0915

Application Information

Title Line One:: Dual Seed Layer For Recording Media
Total Drawing Sheets:: 4
Formal Drawings Submitted:: Yes
Application Type:: Utility
Docket Number:: SEAG 61977

Representative Information

Representative Customer Number:: 35810
653546v1